

January 12, 1993

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FCC MAIL ROOM

Federal Communications Commission
1919 m street, NW
Washington, D.C. 20554

Members of the Commission: (NPRM - PR Docket 92-235)

I am a member of the Academy of Model Aeronautics and regularly engage in the flying of radio control model aircraft. We are now using those 72 mhz frequencies allocated, in the recent past, by the FCC for radio control aircraft use. If NPRM - PR Docket 92-235 is implemented new Mobile Land Service frequency allocations 2.5mhz from the radio control frequencies will render them useless. That ultra narrow band frequency spacing is incompatible for radio control use. Model aircraft weighing up to as much as 50 pounds will go out of control in the presence of such radio signals and they will crash. There is no receiver technology that permits such narrow band use.

We believe some of the radio spectrum must be reserved for the hobby user as some land in cities must be reserved for open green space for parks and recreation. We urge you to not tamper with that portion of the 72 mhz in which we now operate. Thank you.

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Sincerely,

AMA number 201 706 _____

Dale John Sunderman President Salem RC Pilots

P.S. I have Thousands of dollars in radio control airplane equipment. My airplanes are Built TO Fly. RC airplanes is the only way I can enjoy flying because ~~the~~ full size airplanes are over

to expensive ^{saving} NPTM-PR Docket 92-235 would stop me from enjoying the labor of up to 200 hours building time in some of my airplanes fly. The frequency spacing will make it just a matter of time before each airplane would be shot down by radio interference. The F.C.C. gave us modellers 50 channels to use and enjoy. We started using them in good faith thinking they would be safe to use. A 15 Lb model flying at 100 miles per hour can be very dangerous if you loose control, and the new spacing will make the risk of loosing radio control just a matter of time. I already replaced all of my radios once to comply with the new narrow band spacing. Don't make this equipment useless also.

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dale Loren Sanderson

The FCC
1919 M St, NW.
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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FCC MAIL ROOM

January 12, 1993

RE: NPRM - PR Docket 92-235, Frequency Restructuring

Dear FCC,

I wish to express my opposition to proposed massive restructuring of the radio frequency spectrum proposed by the FCC in this docket. I represent just one of thousands of Radio controlled model enthusiasts in my area and am active in two clubs here in Raleigh. I personally own over \$1500 worth of equipment that would be rendered useless by this proposition. I am also fearful that if passed as is, this could destroy the R/C hobby and the industry by rendering the entire band unusable for radio control. I am also concerned about the possibility of airplanes and helicopters losing control and hurting or killing someone.

My specific objections are as follows:

We just changed all of our radios and frequencies last year! We paid to have the tolerances of our equipment tightened to their limit. We can't do it again. The tolerances are already 3 one hundred thousandths of a percent of the 72mhz frequency!

Financially, the economic impact to each hobbyist, hobby stores, and the R/C industry would be devastating. Our individual investments will be rendered worthless, and if we try to fly, we risk crashing and losing even more. Lost model sales would hurt a several billion dollar industry which also supports commercial photography and science who use the models to do aerial work less expensively than hiring a plane and pilot.

The proposal would allow transmitters almost four times more powerful than ours, with no proper separation or tolerance between frequencies, to operate MOBILE! This would create total unpredictability as to when and where interference would strike. This will also hurt the people who would use these proposed new frequencies. We would be stepping all over each other.

Interference on communications bands is very annoying, but interference on a frequency that is controlling a device remotely will cause the destruction of that device, and possibly damage property and/or hurt someone.

Public safety will be compromised. These models are between 5 and 50 pounds and operate at speeds in excess of 75mph. They have spinning blades that can do serious damage. Usually

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operated in parks, schoolyards and other public places, this interference will cause the models to crash, possibly into houses, schools, and groups of bystanders. The liability issues are staggering.

If you cannot prevent this proposal from destroying the band, then I would like to offer this compromise:

Allow only one frequency in between some of the existing frequencies instead of two in order to increase the separation.

Disallow mobile use of these frequencies.

Reduce the power of these devices to the same level as the existing transmitters.

Force very stringent frequency tolerances to make sure that the new transmitters cannot bleed over into our frequencies. Allow them to be off frequency by no more than 1KHZ.

Thank you for your understanding in this matter. I appreciate your representation on all of the issues on behalf of all of us; the folks back home!

Sincerely,



Fred Decker
121 Adventure Trail
Cary, NC 27513
(919)881-9497 W
(919)481-2238 H

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

15-Jan-1993

FCC
1919 M St, NW
Washington DC 20554

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FCC MAIL ROOM

Dear FCC,

HELP! Radio control hobbyists' go on the endangered species list

This could happen if FCC PR Docket 92-235 is passed on February 26, 1993. This regulation will render 31 of our current 50 frequencies for model aircraft operation unusable by allowing mobile communications to operate too closely to our frequencies.

Radio control modeling is more than just a hobby to most of us. Many hours of relaxation and enjoyment are derived by building and flying our models. The Academy of Model Aeronautics, Sport Flyer's Association, and local clubs are very active in local schools and youth organizations helping young people learn about aeronautics. Do your children own or enjoy the small inexpensive radio controlled cars and trucks that are sold in toy stores? They will also be affected by this regulation

I am a member of the Skystreakers R/C club of New Gloucester, ME . Our club field is less than 1/2 mile from the Maine turnpike and will be seriously affected by mobile communication signals on or near our frequencies. This could be a serious safety hazard. Operation of model aircraft at our field is done so with safety being the top priority. Can you imagine the damage that can occur if an aircraft weighing up to 40 lbs traveling at speeds up to 150 mph crashes into a person or property? We all carry insurance with coverage up to \$1,000,000 for this reason.

PR docket 92-235 will create a serious safety hazard at our field by bunching everyone into too few available frequencies. We need all of our current frequencies to insure safe operation of our models.

In 1991 we, the R/C community, were required to update or purchase new radio equipment due to the conversion to narrow band equipment in order to double our available frequencies to the current 50 WITHOUT expanding our frequency band.

Two years later we are going to lose 2/3 of them and render recently purchased radio equipment obsolete?? This sounds like another attempt to satisfy the big guys at the expense of the little guys.

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I would suggest that the FCC and the mobile communication industry rethink their proposal in PR 92-235 and work with the R/C industry to devise an alternate proposal that will be satisfactory to all.

Please help me continue the safe enjoyment of my pastime as well as the livelihood of those involved in the manufacture and sale of R/C products by not allowing the FCC to carry out its proposal in PR Docket 92-235.

Sincerely, -



Gary Thibodeau
RFD 1 Box 430
Mechanic Falls ME 04256
AMA # 426427

1-14-93

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JAN 21 1993

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Dear Sir,

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC MAIL ROOM

I am writing you in regard to the Federal Communications issuing some new frequencies under NPRM PR DOCKET 92-235. I have some very grave concerns about this matter. Number one is safety. The new frequencies being proposed are 72.0325 and 72.0375. This means that we will be having commercial users, who will be using high power to run there transmitters only 2.5 khz away from the frequencies used by the radial controlled aircraft people. I would like to tell you about how I lost my first radial controlled aircraft. It had just taken off and the aircraft was climbing out very strongly. All of a sudden the aircraft begin to fall, it had been taken over by something and I no longer had any control over it, then it began to recover, it then began to fall again. I was totaly unable to control it in any way. It crashed in the field I was flying in. This aircraft had been taken over by someone who was using a CB with a linnear.

If you allow these two frequencies to be put into service I believe that it will only be a question of time be for someone will really be injured by this. Due to frequency oscillation it would be extremely easy for a device using one of these frequencies to drift. When this occurs the frequency being drifted on to will then be controlled be the stronger commercial equipment causing the aircraft to crash. it would be totally uncontrollable. Because of the extremely close proximity to the RC channels I feel this would be a very bad decision if allowed to pass.

SINCERELY,


ROBERT L. MORRIS
P.O. BOX 1802
YUCCA VALLEY, CA.
92286

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FEDERAL COMMUNICATIONS COMMISSION
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FCC MAIL ROOM

Federal Communications Commission
1919 m street, NW
Washington, D.C. 20554

Members of the Commission: (NPRM - PR Docket 92-235)

I am a member of the Academy of Model Aeronautics and regularly engage in the flying of radio control model aircraft. We are now using those 72 mhz frequencies allocated, in the recent past, by the FCC for radio control aircraft use. If NPRM - PR Docket 92-235 is implemented new Mobile Land Service frequency allocations 2.5mhz from the radio control frequencies will render them useless. That ultra narrow band frequency spacing is incompatible for radio control use. Model aircraft weighing up to as much as 50 pounds will go out of control in the presence of such radio signals and they will crash. There is no receiver technology that permits such narrow band use.

We believe some of the radio spectrum must be reserved for the hobby user as some land in cities must be reserved for open green space for parks and recreation. We urge you to not tamper with that portion of the 72 mhz in which we now operate. Thank you.

Sincerely,

AMA number

160439



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1919 m street, NW
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Sincerely,

AMA number



454609

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1919 m street, NW
Washington, D.C. 20554**

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Sincerely,

AMA number

James Dyster

233794

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Dear F.C.C. :

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Jan. 12, 1993

FCC MAIL ROOM

It is with displeasure that I write these words. Being an avid modeler & Radio Control enthusiast for over 40 years it is so hurtful when things like this now tend to raise their ugly heads. I'm referring to the fact that "Mobile Land Services" (also NPRM-PR Docket 92-235) will cause great harm to the thousands of Radio Control enthusiasts all over the United States. We modelers have played ball honestly all these many past years, obeying their every wish by up-dating our radio equipment and staying within our frequencies. Why would the FCC ever think of allowing the NPRM now to disrupt hundreds of thousands of modelers this coming not only inconvenient but real danger of killing someone & becoming a part of terrible lawsuits? I vote adamantly against



NPRM-PR Docket 92-235...
 And let us consider one another to provoke
 unto Love and to good works.

Sincerely,

Hebrews 10:24

Raymond Reha

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Dave Hamblin
4567 Eldywood Lane
Batavia, Ohio 45103
(513)752-9088

JAN 21 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC MAIL ROOM

Federal Communications Commission
11919 M. St. NW
Washington, D.C. 20554

FCC,

I am writing you this letter to express my opposition to a proposed FCC rule change slated to take effect February 26, 1993 (NPRM - PR Docket 92-235) concerning additional frequencies for mobile pagers, due to the negative effects this change can have.

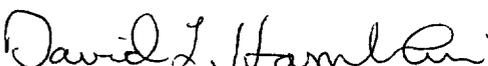
The rule would permit mobile pager companies to have access to frequencies on the 72 & 75 Mhz bands in between frequencies currently assigned for the recreational use of Radio Controlled aircraft (henceforth RC planes).

As you may surmise, my hobby is RC airplanes. I build and fly them as do many others. While it is a safe hobby, each plane has a considerable monetary value invested in it, and if the radio transmission is scrambled they do have the capability to do property and bodily harm. As the pagers broadcast on a much higher power rating, they could (if not exactly on frequency), jam our plane control signals. The investment per plane can run from \$300.00 to \$1,200 and up. I have not seen any data presented by the pager interest that shows they have examined this issue. At present, we modelers have no way of knowing where their transmitters are, or on what frequencies they are broadcasting on.

While our hobby is a "recreation", and the pager interest is a "business", the impact this rule "could" have on the modelers and industries supporting us is not insignificant, nor should it be overlooked. At the very least, this change should be postponed until a clear understanding of the impact in this area is obtained. If a definite decision is to be made, it should be "no", again because the potential impact is not clear.

Your help in this matter would be greatly appreciated!

Sincerely,


David L. Hamblin

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Sincerely,

AMA number

Stewart Wells

54404

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FCC MAIL ROOM

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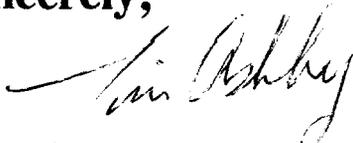
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AMA number

400613

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Sincerely,

Ronald J. Wood
AMA number

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